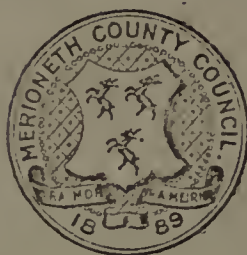


MERIONETH

COUNTY



COUNCIL

Public HEALTH Report

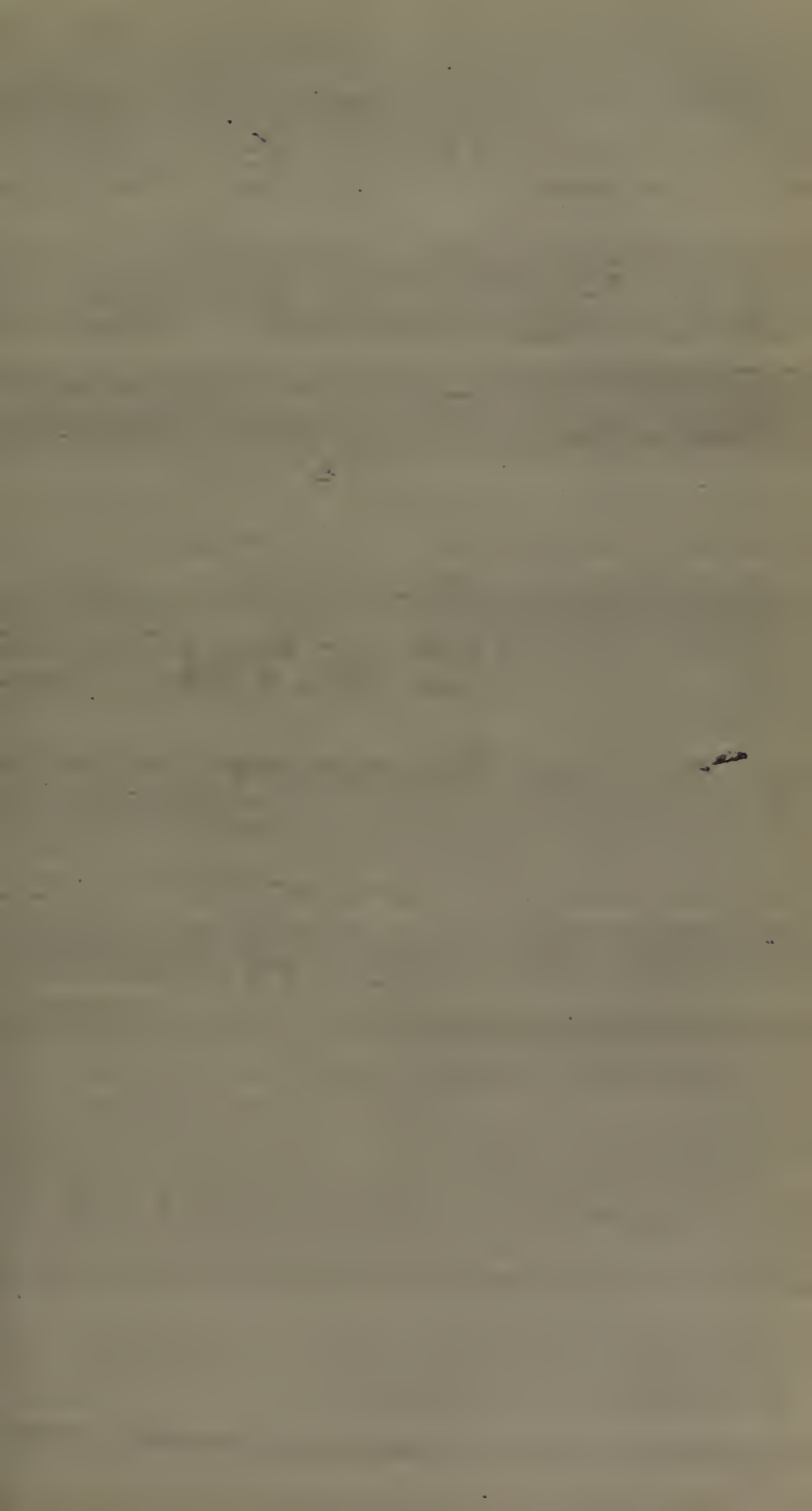
For the year

1950



Medical Department
County Offices,
Dolgelley.

W. F. GAPPER,
B.Sc., M.B., Ch.B., D.P.H.,
County Medical Officer.



MEDICAL DEPARTMENT,
COUNTY OFFICES,
DOLGELLEY.

*To the Chairman, Aldermen and Councillors
of the Merioneth County Council.*

Mr. Chairman, Ladies and Gentlemen,—

I beg to submit to you the Annual Report for the year 1950.

It is interesting to review some of the vital statistics for the first half of this century :

POPULATION (See Graph 'A')

The lowest estimated population was in 1918 at 37,375.

The highest estimated population was in 1904 at 50,192.

There was a marked and steady decrease in population after the first ten years of this century to reach the lowest limit in 1918, following which there was a gradual increase to reach a figure of approximately 44,000 in 1929. This again was followed by a gradual decrease to reach the next lowest figure of 39,860 in 1939. This increased for a couple of years to reach a population of 44,860 in 1941, and then decreased to 38,280 in 1947, since when there has been a small increase to 40,543 this year.

On the whole there has been a decrease in the population from approximately 50,000 to approximately 40,500, or a decrease of 9,500 in fifty years.

BIRTHS (See Graph 'B')

The highest birth rate was 25.5 in 1901. This gradually decreased to 17.2 in 1910, and with slight variations, notably from 14.8 in 1917 to 21.35 in 1920, it gradually decreased to almost a half of the 1901 figure to 12.84 in 1936, since when there has been a gradual increase to 17.63 in 1947 followed by a decrease to 13.20 this year.

INFANT MORTALITY RATE (See Graph 'C')

Of all the statistical data this one shows the most marked improvement in the saving of life. During the first ten years of this century it was only twice under 100, and in 1905 it reached the astounding figure of 152. Thus out of every 1000 live children born that year, 152 died. The infant mortality rate since then has gradually decreased with variations, to the record low figure of 32.45 in 1949—well below a quarter of the figure in 1905. This year there was a slight increase to 33.64.

MATERNAL MORTALITY RATE (See Graph 'D')

Records are available only from 1911. The highest recorded rate was 12.3 in 1913, and again in 1934. The first year where no maternal deaths were recorded was in 1940, since when there have been three other years, viz.: 1945, 1948 and 1949 with a similar record. The average maternity mortality rate for the past ten years is less than a third of the average over the ten years 1911-1920 inclusive.

INFECTIOUS DISEASES

Scarlet Fever.—The incidence of Scarlet Fever in the first few years of the century was very high in comparison with recent years. It reached its maximum in 1909 when there were 530 cases and 11 deaths. During 1950 there were 40 cases notified, while there were no cases in the previous two years. The last fatal case of Scarlet Fever was in 1944.

Diphtheria.—The highest incidence of diphtheria occurred in 1927 when 240 cases were notified and there were 9 deaths. The most severe outbreak was in 1906 when out of 157 notified cases, 18 were fatal. The last fatal diphtheria case was in 1946 and the last notified case was in 1947 when there were 10 cases notified. There is no doubt that diphtheria immunisation has been responsible for this decline in incidence, or one might almost say, for eliminating diphtheria, in a similar way as small-pox has been reduced by cowpox vaccination.

Enteric Fever (Typhoid).—The year with the highest incidence was in 1904 when 11 cases were notified and there

were two fatal cases. The last case notified in this County was in 1919.

TUBERCULOSIS (See Graph 'E')

This disease became compulsorily notifiable in 1912 when 132 cases were notified. During the first ten years when this disease became notifiable, viz.: 1912-1921 inclusive, the average number notified per annum was approximately 140.

During the past ten years the average number notified per annum was 82, approximately.

The average number of deaths for the period 1912 to 1921 inclusive from (a) pulmonary tuberculosis was 68.0. (b) non-pulmonary tuberculosis was 16. The average number of deaths for the past ten years from (a) pulmonary tuberculosis was 31; (b) from non-pulmonary tuberculosis was 3.

<i>Period</i>	<i>Deaths from</i>	
	<i>Pulmonary T.B.</i>	<i>Non-Pulmonary T.B.</i>
1912-1921	68	16
1941-1950	31	3

Thus the average number of deaths from pulmonary tuberculosis for the past ten years is less than half the average for a similar period less than half a century ago. For similar periods the average number of deaths from non-pulmonary tuberculosis was less than a fifth.

It will be seen that as far as infectious diseases are concerned a similar improvement in reducing both infant and maternal deaths. On considering the number of births and deaths over the first ten years of the century, viz.: 1901 to 1910 inclusive there is a total excess of births over deaths of 2,920, or an average of 292 per annum, while during the past ten years, viz.: 1941 to 1950, the total excess of births over deaths is 94, or an average of 9.4 per annum.

It appears from the steady decrease in population that emigration has been in progress over a number of years.

Probably economic factors are mainly responsible for such emigration. Local authorities can assist in checking such emigrations by building more houses, and giving every support and encouragement to local industries and to the establishment of new industries. When one realises that less than 500 new houses have been erected throughout the whole County during the period 1945 to 1950 inclusive, an average of approximately ten per district per annum, one cannot wonder why people do not remain in the County even if work was available. The largest Urban District Council within the County, namely Ffestiniog Urban District Council, is far behind most of the District Councils in this matter, and, considering the number of unsatisfactory houses that must be in this district, the need is great. The increase in recent loan charges has added another problem to this question, as the rent of future Council houses will be more than ordinary working men will be able to afford in years to come.

I take this opportunity to thank the members of the County Council, and especially the Chairman and members of the Health and Care Committees, for their support.

I am also grateful for the kind co-operation of my colleagues in the other departments of the County Council, as well as to all members of my staff, including the Nursing Staff.

I pay tribute to the work done by the General Practitioners within the County, and to the voluntary helpers at our Clinics, without whose assistance the service would suffer.

I am, Ladies and Gentlemen,

Your obedient Servant,

W. F. GAPPER,
County Medical Officer of Health.

15th February, 1952.

MEMBERS OF HEALTH COMMITTEE

Aldermen:

Richard Thomas Vaughan, C.B.E. (Chairman).	John Parry.
Thomas Lloyd Jones.	John Morris.
Alfred Ernest Hughes, C.B.E.	Sir Charles Phibbs.
Hugh Tudor.	Robert Owen Wynne.

Councillors:

William Griffith Roberts,	Rev. T. Alun Williams.
Mrs. K. W. Jones-Roberts,	Lewis Williams.
Robert Caer Jones. (O.B.E.)	Evan John Jones.
Robert Richard Davies.	Robert David Jones.
John Glyn Jones.	David Tudor.
Hugh Richard Jones.	Edward Edwards.
Lewis Francis Davies.	Edward John Evans.
Owen Arthur Jonathan.	Evan Elias Jones.
Dafydd Llewelyn Pugh.	Mrs. Gwyneth Evans.
Rev. Evan Lynch.	M. Llewelyn Jones.
Thomas Evan Jenkins.	Rev. Evan Cadvan Jones.
Robert Mawddwy Jones.	William Aelwyn Hughes.
Richard Owen Griffith.	John Llewelyn Davies.
Richard Evan Rees.	R. P. Lloyd Griffith.
William Morris Williams.	Gwilym Thomas Williams.

Women Members:

- Miss Megan Davies, 9, The Square, Bl. Ffestiniog.
 Mrs. Gwyneth L. Davies, Crudygwynt, Bala.
 Mrs. M. Parry, M.B.E., Penrhynydyfi, Pennal.
 Mrs. B. Maelor Jones, Frondirion, Dolgelley
 (Secretary to the County Nursing Association).
 Miss Breese Davies, Meirion House, Dinas Mawddwy.

Representing the Medical Practitioners:

Dr. O. Glyn Jones, Isallt, Blaenau Ffestiniog.
Dr. D. O. Williams, Bryn, Barmouth.

Representing the Hospital Management Committees:

Dr. R. W. Edwards, Cae'r Ffynnon, Dolgelley.
Mr. W. G. Jones, Argoed, Dolgelley.

Representing the Executive Council:

Mr. John Lloyd, M.A., Glyn, Llanbedr.

Members of the Care Committee:

Hugh Richard Jones.	Robert David Jones.
Robert Richard Davies.	Evan John Jones.
Mrs. Goronwy Owen.	Alfred E. Hughes, C.B.E.
Richard T. Vaughan, C.B.E.	Mrs. Maelor Jones.
Owen Arthur Jonathan.	Mrs. Morris.
M. Llewelyn Jones.	Robert Owen Wynne.
Lewis Williams.	Richard Owen Griffith
together with Dr. G. O. Thomas (Chest Physician).	

PUBLIC HEALTH OFFICERS OF THE AUTHORITY

WHOLE TIME OFFICERS

County Medical Officer of Health:

W. F. GAPPER, B.Sc., M.B., Ch.B., D.P.H.

Assistant Medical Officer of Health:

EVAN WILLIAMS, M.R.C.S., L.R.C.P., D.P.H.

Superintendent Nursing Officer:

Mrs. ELEANOR OWEN, S.R.N., S.C.M., Q.S., H.V.

Deputy Superintendent Nursing Officer:

Miss E. J. MOSS, S.R.N., S.C.M., Q.S., H.V.

Dental Surgeons:

E. CLWYDWYN JONES, L.D.S. (Part-time).

Mrs. M. LLOYD HUGHES, L.D.S. (Part-time).

Dental Attendant: Miss E. P. Hughes (Resigned June, 1950).

Miss Mair Hughes (Appointed Sept., 1950). (Part-time).

Miss Arianwen Jones (Part-time).

School Nurse: Miss Gwen Humphreys, S.R.N., S.C.M.*Tuberculosis Health Visitor:* Miss Z. M. Evans, S.R.N.*Clerks:* Miss M. J. Jones.

Miss A. Griffith.

Miss Frances M. Edwards (Resigned Sept., 1950).

Miss Peggie Allen (Appointed October, 1950).

Miss Marion Roberts.

Miss Elizabeth Jones.

Miss E. Roberts.

PART-TIME OFFICERS :

The following were the Medical Officers of the Infant Welfare Centres :—

Aberdovey :	Dr. H. R. WRIGHT.
Bala :	Dr. M. P. Jones.
Barmouth :	Dr. J. R. HEATH.
Corwen :	Dr. D. R. Roberts.
Corris :	Dr. D. McKenzie Crooks.
Dolgelley :	Dr. R. W. Edwards.
Dyffryn :	Dr. James May.
Festiniog :	Dr. D. M. Evans.
Harlech :	Dr. R. M. Williams.
Penrhyndeudraeth :	Dr. O. M. Prichard.
Towyn :	Dr. J. H. M. Lloyd.
Trawsfynydd :	Dr. D. M. Evans.

DISTRICT MEDICAL OFFICERS OF HEALTH

Urban Areas :

Bala :	Robert Jones.
Barmouth :	D. O. Williams.
Dolgelley :	R. W. Edwards.
Ffestiniog :	J. W. MORRIS.
Towyn :	J. A. Davies.

Rural Areas :

Deudraeth :	J. P. Nelis (Jan.-Nov.).
	E. Williams (December).
Dolgelley :	R. W. Edwards.
Edeyrnion :	D. R. Edwards.
Penllyn :	Robert Jones.
*Pennal :	J. C. Ashton.

*Is administered by the Machynlleth Rural District Council in the County of Montgomery.

OPHTHALMIC AND EAR, NOSE & THROAT SPECIALIST
Mr. Horace Mather, 50, Rodney Street, Liverpool.

MENTAL HEALTH SERVICE

Dr. J. H. O. Roberts, M.D. (Lond.), D.P.M.

Dr. G. Williams, M.D. (Lond.), D.P.M.

Psychologists : Mr. W. R. Jones.

Psychiatric Social Worker : Mrs. J. Evans.

Duly Authorised Officers : *Mr. Idwal Jones.

*Mr. R. G. Jones.

*Also Welfare Officers.

EXTRACT FROM VITAL STATISTICS 1950

Registrar General's estimate population for mid-year 1950 : 40,543.

		<i>Total</i>	<i>M</i>	<i>F</i>		
Live Births	{ Legitimate	482	261	221	} Birth rate per 1,000 estimated population	.... 13.20
	{ Illegitimate	53	31	22		
Still Births	.....	13	9	4	} Rate per 1,000 total live & still births..	23.72
Deaths All Ages	.....	604	294	310		
					} Death rate per 1,000 estimated population	.... 14.90
						<i>Rate per</i> <i>1,000 total</i> <i>live and still</i> <i>births</i>
No. 30 Pregnancy, childbirth and abortion	.....			1	<i>Deaths</i>	1.82

Death rate of Infants under one year of age :—

Total number of Infant Deaths	.. .. .	18
All Infants per 1,000 live births	.. .. .	33.64
Legitimate infants per 1,000 Legitimate live births	.. .. .	31.12
Illegitimate infants per 1,000 Illegitimate live births..	.. .. .	56.60

	<i>Totals</i>	<i>Males</i>	<i>Females</i>
Deaths from Cancer all ages	.... 105	47	58
„ „ Measles all ages —	—	—
„ „ Whooping Cough all ages —	—	—

TABLE I.

Giving the population in 1950 (estimated) and the population as enumerated at the Census 1931, rateable value, and the product of a penny rate in the County and the several County Districts.

	<i>Popu- lation (estimated by Reg. Gen. 1950</i>	<i>Popu- lation Census 1931</i>	<i>Rateable value as at 1/4/51</i>	<i>Estimated Product of a penny rate 1950/51</i>
<i>Col. 1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>
				£ s. d.
County of Merioneth	40,543	43,201	153,019	575 1 8
Total Urban Dist. . .	17,451	19,298	77,376	294 8 3
Total Rural Dist. . .	23,092	23,903	75,643	280 13 5
Urban Districts :				
Bala	1,523	1,460	7,641	29 10 7
Barmouth	2,352	2,645	16,682	64 9 1
Dolgelley	2,704	2,313	10,896	40 0 0
Ffestiniog	7,073	9,078	23,341	86 19 1
Towyn	3,799	3,802	18,816	73 9 6
Rural Districts :				
Deudraeth	6,996	7,429	21,964	79 0 0
Dolgelley	8,784	7,768	28,550	103 13 8
Edeyrnion	4,154	4,724	17,988	71 10 6
Penllyn	2,815	3,601	6,035	22 2 10
Pennal C.P. . . .	343	381	1,106	4 6 5

TABLE II.

Population of the County, the total Urban and Rural Districts and of the several County Districts for the years 1946-1950 inclusive.

POPULATION

	1946	1947	1948	1949	1950
County of Merioneth ..	38,790	38,280	39,166	38,838	40,543
Total Urban Districts ..	17,070	16,760	17,335	17,453	17,451
Total Rural Districts	21,720	21,520	21,831	21,385	23,092
Urban Districts :					
Bala	1,408	1,397	1,454	1,510	1,523
Barmouth	2,318	2,311	2,439	2,406	2,352
Dolgelley	2,382	2,338	2,534	2,517	2,704
Ffestiniog	7,353	7,262	7,243	7,211	7,073
Towyn	3,609	3,452	3,665	3,809	3,799
Rural Districts :					
Deudraeth	6,706	6,639	6,805	6,837	6,996
Dolgelley	7,471	7,405	7,706	7,225	8,784
Edeyrnion	4,090	4,038	4,119	4,143	4,154
Penllyn	3,107	3,086	2,875	2,842	2,815
Pennal	346	352	326	338	343

TABLE III.

Giving the principal causes of deaths with the numbers in the County, Urban and Rural Districts with percentage of the total deaths in 1950.

	<i>Number of Deaths 1950</i>			<i>Deaths in Urban Districts</i>	<i>Deaths in Rural Districts</i>	<i>Percentage of total deaths in 1950</i>
	<i>Total</i>	<i>Males</i>	<i>Fe- males</i>			
<i>Col. 1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>
Heart diseases	164	70	94	73	91	27.15
Other diseases of the Circul'ry system	26	14	12	8	18	4.30
Cancer	105	47	58	48	57	17.38
Vascular lesions of nervous system	96	34	62	44	52	15.89
Nephritis and Nephrosis	17	10	7	13	4	2.81
Pulmonary T'culosis	21	13	8	15	6	3.48
Bronchitis	24	13	11	11	13	3.97
Pneumonia	11	8	3	4	7	1.82
Influenza	12	6	6	9	3	1.99

TABLE IV.

Showing the total number of deaths and for each sex in the County and County Districts with the rates per 1,000 of population for 1950 and for the previous nine years.

	Number of deaths 1950			Death Rate per 1,000 popula- tion 1950	Death rates per 1,000 of population									
	Total				1941	1942	1943	1944	1945	1946	1947	1948	1949	
	Males	Females												
Col. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	
England and Wales	..	..	..	11.6	12.9	11.6	12.1	11.6	11.4	11.5	12.0	10.8	11.7
County of Merioneth	294	310	604	14.90	16.6	14.8	15.3	15.3	14.46	16.68	14.81	14.60	14.37	
Total Urban Districts	136	142	278	15.93	17.6	15.2	16.5	16.5	14.94	18.63	14.56	14.59	15.81	
Total Rural Districts	158	168	326	14.12	15.8	14.6	13.9	14.3	14.09	15.15	15.01	14.61	13.19	
Urban Districts :														
Bala	13	10	23	15.10	18.3	25.0	16.9	18.3	16.72	20.60	10.74	11.69	14.57	
Barmouth .. .	11	20	31	13.18	15.4	15.2	11.9	18.4	12.55	17.26	15.14	11.89	16.63	
Dolgelley .. .	20	16	36	13.31	18.9	12.0	16.0	15.6	10.61	20.57	14.54	15.39	11.12	
Festiniog .. .	68	75	143	20.22	19.1	16.4	20.3	15.9	16.35	18.49	15.01	17.39	18.72	
Towyn	24	21	45	11.85	15.9	11.6	11.4	16.2	15.82	17.73	14.77	11.46	13.39	
Rural Districts :														
Deudraeth .. .	49	54	103	14.72	14.4	13.0	11.3	13.6	13.04	14.17	16.70	13.81	14.63	
Dolgelley .. .	52	58	110	12.52	15.9	15.8	13.6	14.2	13.86	15.26	14.44	13.49	12.04	
Edeyrnion .. .	28	39	67	16.13	19.9	14.8	19.5	19.9	16.13	14.91	15.85	16.51	16.89	
Penllyn	27	13	40	14.21	13.9	15.5	12.2	9.8	12.64	16.74	11.67	16.38	8.09	
Pennal C.P. .. .	2	4	6	17.49	12.6	10.2	21.1	10.5	29.33	20.23	14.20	18.40	5.92	

TABLE V.

Giving the number of cases, male and female whose deaths have been registered from this cause, together with rate per 1,000 of estimated population in 1950, mean death rate for 1936 to 1938 and for the years 1945 to 1949.

CANCER

	1950 Numbers of Death			Death Rate per 1,000 of popula- tion	Mean Death Rate 1936 to 1938	Death rates per 1,000 of estimated population in the years				
	Total					1945	1946	1947	1948	1949
	Males	Females	Total							
Col. 1	2	3	4	5	6	7	8	9	10	11
County of Merioneth	47	58	105	2.59	2.03	2.39	2.55	2.01	2.19	2.29
Total Urban Districts	22	26	48	2.75	1.99	2.76	3.04	1.97	2.37	2.23
Total Rural Districts	25	32	57	2.47	2.06	2.10	2.16	2.04	2.06	2.34
Urban Districts :										
Bala	2	1	3	1.96	1.78	1.39	4.26	1.43	1.38	2.65
Barmouth	4	2	6	2.55	1.67	2.09	1.72	3.03	1.23	0.83
Dolgelly	1	6	7	2.59	1.09	0.84	5.03	2.14	3.16	3.18
Festiniog	11	14	25	3.54	2.14	3.35	2.71	1.51	3.16	2.35
Towyn	4	3	7	1.84	2.57	3.82	2.77	2.32	1.36	2.10
Rural Districts :										
Deudraeth	9	11	20	2.86	1.89	1.93	1.49	3.01	1.76	3.95
Dolgelly	11	12	23	2.62	1.79	1.72	1.60	1.74	2.34	1.52
Edeyrnion	3	5	8	1.93	2.58	2.73	3.42	1.48	2.43	2.17
Penllyn	2	3	5	1.77	2.33	0.95	2.57	1.30	1.04	1.05
Pennal C.P.	—	1	1	2.92	1.91	5.86	8.67	2.85	6.14	—

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

Laboratory Facilities :

The laboratories at Aberystwyth and Conway provided all the necessary services for bacteriological examinations of swabs, water supplies, milk supplies, etc. While the laboratories provide excellent services which are free, it is found rather expensive to get certain samples to the laboratories which have to be there within a certain time of taking, such as, milk samples.

Ambulance :

The ambulance service continued to provide satisfactory service. No additional ambulance stations were established during the year so that the same general arrangements continued throughout the year as in the past year.

The public became more conscious of the type of cases for which this service caters and I am grateful to those general practitioners who gave their support in this matter.

During the year, 1,403 patients were conveyed by ambulance only, involving a total mileage of 61,091 an average of approximately 43.47 miles per patient.

4,491 patients were conveyed in " Sitting Case " cars, involving a total mileage of 203,847, an average of approximately 45.39 miles per patient.

On 1st January, 1951, an Ambulance Officer was appointed and a central control station established at Dolgelley.

AMBULANCE AND " SITTING CASE " CARS SERVICE

Table showing the mileage, journeys and number of patients carried during the year 1950.

Ambulances owned by the County Council :

<i>Ambulances stationed at :</i>	<i>Number of journeys</i>	<i>Number of patients carried</i>	<i>Mileage</i>
Dolgelley	352	432	24,692
Corwen	120	123	5,727
Ffestiniog	370	494	11,220
Towyn	76	78	5,011
	918	1,127	46,650

Ambulances—Agency Services :

<i>Ambulances owned by :</i>	<i>Number of journeys</i>	<i>Number of patients carried</i>	<i>Mileage</i>
Deudraeth Ambulance Committee ..	161	191	8,824
British Red Cross Society, Barmouth	35	41	3,721
St. John's Ambulance Machynlleth ..	37	44	1,896
	233	276	14,441

**“ Sitting Cases ” carried by vehicles owned by
County Council :**

<i>Number of journeys</i>	<i>Number of Patients carried</i>	<i>Mileage</i>
697	931	50,378

**“ Sitting Cases ” carried by hired vehicles and Hospital
Car Service :**

<i>Number of journeys</i>	<i>Number of Patients carried</i>	<i>Mileage</i>
3,411	3,560	153,469

Nursing in the Homes, Midwifery and Health Visiting :

The County is divided into “ Nursing ” areas each of which is served by a nurse, or more than one, in three of the more Urban Areas. Each Nurse carries out the duties of District Nursing, Midwifery and Health Visiting. Each Nurse has a car though there is great difficulty in replacing old cars which interferes with the efficiency of the service.

Nurses are encouraged to attend training courses, especially for Health Visiting, the Council providing a scholarship for such courses.

During the year three Nurses obtained their Health Visitor's Certificate and three attended the course.

Hospital for Infectious Cases :

All hospitals for infectious cases were under the jurisdiction of the Regional Hospital Board and there was no difficulty in the admission of infectious cases as there were very few needing admission. The Board has not proceeded to take over the Llan-

earlyn Military Hospital and it is possible that the Board will not proceed to acquire it. Thus all infectious cases occurring in this County will have to be taken to hospitals outside the County for the time being. It is possible to add to a hospital or hospitals within the County so as to provide accommodation for a limited number of infectious cases.

Venereal Diseases :

Patients suffering from venereal disease were treated by an Officer of the Regional Hospital Board and Clinics were held within the County at the hospitals.

SANITARY CIRCUMSTANCES OF THE AREA

Housing :

The Housing conditions throughout the County are gradually improving, but there are some districts where people still live under very bad conditions. The following table shows the number of houses erected in each Urban and Rural District during the period 1945 to 1950 inclusive.

<i>Urban</i>			<i>Council</i>	<i>Rural</i>			<i>Council</i>
<i>Districts :</i>	<i>Total:</i>	<i>Houses</i>	<i>Districts :</i>	<i>Total:</i>	<i>Houses</i>		
Bala	66	66	Deudraeth ..	108	94		
Barmouth ..	87	85	Dolgelley ..	78	66		
Dolgelley ..	45	45	Edeyrnion ..	58	56		
Ffestiniog ..	12	10	Penllyn ..	9	8		
Towyn	25	24					

It will be seen that the Ffestiniog Urban District Council has made very slow progress and there is urgent need for houses in this district as there are numerous houses inhabited which are unfit for human habitation. It is realised that it may be difficult to find suitable sites in this area, but the need is great. Ten houses were built by the Authority in 1947 and 1948, but none before 1947, and none were completed from 1948 to the end of 1950. Due to the more Rural aspect of Penllyn there has not been such a demand for houses, though it is understood that new houses are required in this district.

Barmouth Council has built Council houses during this period for the first time in its history, and while the Council has done well during the past four years there are numerous houses still occupied in this town which are far below decent standards. The same applies to some extent to the other districts and it is hoped that economical conditions will so improve that the Ministry of Health can give every encouragement to the District Councils to proceed with this good work. Unless the home conditions are satisfactory it will be very difficult to reach the goal of good health.

2

Schemes for Water Supplies and Sewerage :

The following grants were made by the County Council during the 1950-51 Financial Year to the various District Councils towards schemes submitted by various Councils.

Dolgelley R.D.C.:

					<i>Provisional Cost</i>		<i>County Council's contribution :</i>
<i>(a) Sewerage :</i>					£	..	£
Bontddu Scheme	..	..	..	..	3,496	..	923
Llanelltyd Scheme	..	..	..	..	5,023	..	1,511
Llanfachreth Scheme	..	..	..	..	2,405	..	702

(b) Water Supply Scheme :

Llanelltyd	..	..	..	..	3,495	..	1,050
Corris and Aberllefenni	..	..	..	..	43,020	..	8,200

Edeyrnion R.D.C.:*(a) Sewerage :*

Glyndyfrdwy	..	..	..	..	6,650	..	1,375
Gwyddelwern	..	..	..	..	6,532	..	1,266
Carrog	..	..	..	..	5,515	..	1,057 10 0

(b) Water Supply Scheme :

Bettws Gwerfil Goch	4,500	..	700
---------------------	----	----	----	----	-------	----	-----

Penllyn R.D.C. :*(a) Sewerage :*

Llanuwchllyn	15,243	..	3,117
--------------	----	----	----	----	--------	----	-------

(b) Water Supply Scheme :

Frongoch	..	..	..	..	5,250	..	500
Llanuwchllyn	..	..	..	..	46,000	..	5,500

Deudraeth R.D.C.:*(a) Sewerage :*

Garreg	..	..	..	..	8,713	..	896 10 0
Llanfair Llandanwg	..	..	..	..	17,448	..	2,250

TABLE VII.

IMMUNISATION AGAINST DIPHTHERIA

Children immunised during the year ended 31st December, 1950 :—

<i>Sanitary District</i>	<i>No. of children immunised by Officers of the County Council</i>		<i>No. of children immunised by private practitioners</i>		<i>Total</i>	
	<i>aged 0-5</i>	<i>aged 5-15</i>	<i>aged 0-5</i>	<i>aged 5-15</i>	<i>0-5</i>	<i>5-15</i>
Bala U.D.	18	0	1	0	19	0
Barmouth U.D.	7	1	14	0	21	1
Dolgelley U.D. ..	17	1	3	0	20	1
Ffestiniog U.D. ..	39	0	7	0	46	0
Towyn U.D.	19	1	10	0	29	1
Deudraeth R.D.	39	1	31	0	70	1
Dolgelley R.D. ..	63	4	16	1	79	5
Edeyrnion R.D. ...	10	0	36	0	46	0
Penllyn R.D. .. .	28	2	0	0	28	2
Pennal C.P. .. .	0	0	0	0	0	0
<i>Total</i> .. .	240	10	118	1	358	11

SOCIAL WELFARE

Care of neglected children was under the supervision of the Children's Officer who is also the Welfare Officer responsible for the care of the aged, blind and handicapped persons. There was close co-operation between these departments and the Health Department.

No action was taken by the County Health Department for removal of persons under Section 47 of the National Assistance Act, 1948.

MENTAL HEALTH SERVICE

Monthly clinics were continued at Dolgelley, by arrangements with the Management Committee of the North Wales Hospital for Mental and Nervous Disorders. A Psychiatrist, a Psychologist and a Psychiatric Social Worker attended the clinics.

Mental Defectives, not in institutions, or on licence, are visited periodically by Health Visitors or Psychiatric Social Workers. No arrangements have been made for the training of Mental Health Workers.

TABLE VIII.

PARTICULARS OF MENTAL DEFECTIVES AS ON
31st DECEMBER, 1950

	<i>Males</i>	<i>Females</i>	<i>Total</i>
1. Number of ascertained Mental Defectives found to be " Subject to be dealt with "			
(a) In Institutions (including cases on licence therefrom)—			
under 16 years of age	1	..	1
Aged 16 years and over .. ..	..	..	..
(b) Under Guardianship (including cases on licence therefrom)			
Under 16 years of age .. ..	..	..	..
Aged 16 years and over .. ..	..	..	..
(c) In " places of safety "	1	3	4
(d) Under statutory supervision (excluding cases on licence) —			
Under 16 years of age .. ..	..	..	..
Aged 16 years and over .. ..	..	..	..
(e) Action not yet taken under any one of the above headings ..	12	23	35
Total ascertained cases found to be " subject to be dealt with " ..	14	26	40
No. of cases included in (b) to (e) above awaiting removal to an Institution :			
<i>Males, 3. Females, 4. Total, 7</i>			
2. Number of Mental Defectives not at present " subject to be dealt with " but over whom some form of voluntary supervision is maintained :—			
Under 16 years of age	1	0	1
Aged 16 years and over	5	7	12
Total number of Mental Defectives (1) plus (2)	20	33	53

BLIND PERSONS

The number of Blind Persons on the County Register at the end of the year was 52 males, and 50 females, making a total of 102.

Nine cases were certified blind within the meaning of the Act during the year.

MATERNITY AND CHILD WELFARE

TABLE IX.

Number of Midwives practising in the area of the Local Supervising Authority at 31st, December, 1950.

	<i>Domi- ciliary</i>	<i>In Institu- tions</i>	<i>Total</i>
(a) Midwives employed by the Authority :	22	..	22
(b) Midwives employed by Voluntary Organisation :			
(1) Under arrangements with the Local Health Authority in pursuance of Section 23 of the National Health Service Act ..	..	..	..
(2) Otherwise (including hospitals not transferred to the Minister under the National Health Service Act)	..	1	1
(c) Midwives employed by the Hospital Management Committees or Boards of Governors under the National Health Service Act	..	4	4
(d) Midwives in Private Practice (including Midwives employed in Nursing Homes)	11	..	11
	33	5	38

TABLE X.

Number of maternity cases in the area of the Local Supervising Authority attended by Midwives during the year ended 31st December, 1950.

	<i>Domiciliary cases</i>		<i>Cases in Institutions</i>		<i>Total</i>	
	<i>As Mids</i>	<i>As Mat.</i>	<i>As Mids</i>	<i>As Mat.</i>	<i>As Mids</i>	<i>As Mat.</i>
(1) Midwives employed by the Authority	88	34	..	..	88	34
(2) Midwives employed by Voluntary Organisations (a) under arrangements with the Local Health Authority in pursuance of Section 23 of the National Health Service Act .. .. .	..	..	..	..	..	..
(b) Otherwise (including Hospitals not transferred to the Minister under the National Health Service Act .. .. .	..	..	46	25	46	25
(3) Midwives employed by Hospital Management Committees or Boards of Governors under the National Health Service Act .. .. .	..	..	39	94	39	94
(4) Midwives in Private Practice (including Midwives employed in Nursing Homes	1	..	..	..	1	..
	89	34	85	119	174	153

DENTAL TREATMENT

Arrangements exist whereby expectant mothers and pre school children can be inspected, advised and treated by the dentists on the Authority's staff. No mothers accepted treatment as they preferred to attend their own dentists. Few pre school children were seen and treated at the school clinics.

ANTE-NATAL AND POST-NATAL CLINICS

Ante-natal clinics were held by Specialist by arrangements with the Regional Hospital Board, at :—

Blaenau Ffestiniog : 1st and 3rd, Mondays in each month
Dolgelley : 2nd and 4th Mondays in each month.
Towyn : last Wednesday in each month.
Corwen : second Wednesday in each month.

Attendances at each clinic were as follows :—

	<i>Number of Women attended</i>		<i>Total Attendances</i>	
	<i>Ante- natal</i>	<i>Post- natal</i>	<i>Ante- natal</i>	<i>Post natal</i>
Blaenau Ffestiniog	119	46	400	46
Dolgelley	160	45	446	45
Towyn	78	7	102	7
Corwen	25	..	55	..
	382	98	1,003	98

MEDICAL AID

The number of Medical Aid forms issued by certified midwives during the year were :—

Domiciliary cases	.. .. .	9
Cases in Institutions	.. .. .	0

MATERNITY OUTFITS

68 Maternity Outfits were issued during the year.

DOMESTIC HELP SERVICE

Number of Domestic Helps employed on 31st. Dec. 1950 :—

Whole-time—Nil

Part-time — 39

Number of cases where domestic help was provided during the year :—

(a) Maternity cases (including expectant mothers)—	16
(b) Tuberculosis	— 0
(c) Others	—47

GAS AND AIR ANALGESIA

Number of Midwives practising in the area who are qualified to administer gas and air analgesia. 18

Number of cases in which gas and air was administered by Midwives in Domiciliary practice during the year 1950 :—

(a) When acting as a midwife	37
(b) When acting as a maternity Nurse	18

CHILD WELFARE CENTRES

A new Centre was established at Abergynolwyn during the year which was under the medical supervision of the Assistant Medical Officer of Health.

The Clinics continued as in past years at the other twelve centres. The best attended clinics were at Aberdovey, Towyn and Penrhyndeudraeth. There were increased average atten-

dances at the Aberdovey, Corwen, Dolgelley, Harlech and Towyn Centres but all the other Centres showed decreased attendances.

Approximately 55% of the total number of children born during the year attended.

I would like to record my appreciation for the work done by the voluntary workers at the various centres as without their help it would be difficult to run these Centres efficiently.

TABLE XI.

INFANT WELFARE CENTRES

Centre :

	Number of Meetings.	Total number of children in attendance			Average No. of Children in attendance at each Clinic Session.			Number of children in attendance for the first time		
		Under one?	One to five	Total	Under one	One to five	Total	Under one	One to five	Total
Bala	24	262	86	348	11	3	14	28	2	30
Barmouth	26	164	298	462	6	11	17	25	7	32
Corwen	12	98	92	190	8	8	16	26	1	27
Corris	11	73	72	145	7	7	14	8	7	15
Dolgelley	23	182	193	375	8	8	16	17	12	29
Festiniog	26	493	72	565	19	2	21	54	7	61
Harlech	12	130	76	206	11	6	17	14	17	31
Penrhyndeudraeth	24	331	437	768	14	18	32	30	18	48
Towyn	23	333	414	747	15	18	33	38	7	45
Trawsfynydd	12	53	89	142	4	7	11	13	3	16
Dyffryn	12	46	156	202	4	13	17	12	3	15
Abergynolwyn	9	23	98	121	2	11	13	7	21	28
Aberdovey	12	111	336	447	9	28	37	20	6	26

TABLE XII.

BIRTHS

	No. of Births 1950		No. of Births attended by Doctors	No. of Births attended by State certified mid- wives	No. of cases attended by doctors & certified mid- wives	No. of Notifi- cations received from Regi- strars of Births.
	Regis- tered	Noti- fied in the County				
Col. 1.	2	3	4	5	6	7
County of Merioneth	535	327	..	174	153	..
Total Urban Dists.	204	249	..	118	131	..
Total Rural Dists.	331	78	..	56	22	...
Urban Districts :						
Bala	19	9	..	8	1	...
Barmouth ..	37	69	..	26	43	...
Dolgelley	23	71	..	46	25	...
Festiniog	80	25	..	21	4	...
Towyn	45	75	..	17	58	...
Rural Districts :						
Deudraeth ..	102	26	..	14	12	...
Dolgelley	122	14	..	11	3	...
Edeyrnion ..	71	27	..	21	6	...
Penllyn	34	11	..	10	1	...
Pennal C.P. ..	2	..	..	..	—	..

TABLE XIII.

Giving the birth rate per 1,000 of population for the decennial period, 1941-1950 in England and Wales, the County and County Districts.

Col. 1.	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
	2	3	4	5	6	7	8	9	10	11
England and Wales	14.2	15.8	16.5	17.6	16.1	19.1	20.5	17.9	16.7	15.8
County of Merioneth	13.2	14.1	14.7	16.4	15.23	16.42	17.63	17.41	16.66	13.20
Total Urban Districts	13.2	14.3	14.0	16.4	13.71	17.22	16.65	15.80	15.29	11.69
Total Rural Districts	13.2	14.1	15.2	16.4	16.42	15.78	18.38	18.69	17.77	14.33
Urban Districts :										
Bala	10.9	19.8	12.0	14.8	11.84	20.59	20.04	16.51	17.22	12.48
Barmouth	10.8	14.6	18.5	18.7	16.73	21.13	14.28	18.86	11.22	15.73
Dolgelly	14.1	10.2	10.2	11.5	16.97	11.75	17.53	17.36	13.11	8.51
Ffestiniog	17.3	15.5	14.0	15.8	12.01	16.99	17.21	14.49	16.78	11.31
Towyn	8.4	12.6	13.9	19.6	13.64	17.45	15.06	15.00	15.74	11.85
Rural Districts :										
Dendraeth	12.5	16.6	19.1	16.7	17.49	18.34	18.53	18.51	19.16	14.58
Dolgelly	13.2	13.1	12.5	16.4	15.57	14.85	18.09	16.61	14.81	13.89
Edeyrnion	16.8	12.4	18.1	17.9	20.84	17.10	21.79	19.18	21.24	17.09
Penllyn	11.3	14.0	10.7	15.3	11.06	11.26	15.55	24.00	17.94	12.08
Pennal C.P.	5.1	5.1	5.3	5.3	11.73	11.56	8.52	21.47	8.88	5.83

TABLE XIV.

BIRTHS

Showing the number of births and the birth rates in the County and in the County Districts with the number of illegitimate births with the percentage of total births for the year 1950.

	<i>No. of births, 1950</i>			<i>Birth rate per 1000 of estimated pop'n.</i>	<i>Illegitimate Births</i>	
	<i>Males</i>	<i>Females</i>	<i>Total</i>		<i>No.</i>	<i>per cent of Total Births</i>
<i>Col. 1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>
County of						
Merioneth	204	331	535	13.20	53	9.91
Total Urban Dist.	107	185	292	11.69	20	6.85
Total Rural Dist.	97	146	243	14.33	33	13.58
Urban Districts :						
Bala	11	8	19	12.48	1	5.23
Barmouth ..	22	15	37	15.73	2	5.41
Dolgelley ..	13	10	23	8.50	3	13.04
Festiniog	36	44	80	11.31	6	7.50
Towyn	25	20	45	11.85	8	17.78
Rural Districts :						
Deudraeth ..	61	41	102	14.58	11	10.78
Dolgelley	63	59	122	13.89	8	6.56
Edeyrnion ..	45	26	71	17.09	11	15.49
Penllyn	15	19	34	12.07	3	8.82
Pennal C.P.	1	1	2	5.83	..	..

TABLE XV.

Giving the number of Still Births registered and notified with certain "Still Births" rates, 1950.

	No. of Still Births in Registrar General's Return	No. of cases of still-births notified by			No. of cases attended by Doctor and Certified Midwife	Still Birth Rates	
		Doc- tor	State Cer- tified Midwife	Regis- trar of Births		per 1,000 Population	per 1,000 total Births (Live and Still births)
Col. 1	2	3	4	5	6	7	8
County of Merioneth ..	13	..	7	..	7	0.32	23.72
Total Urban Districts ..	9	..	5	..	5	0.52	42.25
Total Rural Districts ..	4	..	2	..	2	0.17	11.94
Urban Districts :							
Bala	1	..	..	..	..	0.66	50.00
Barmouth .. ..	..	..	..	..	..	..	..
Dolgelley	1	..	..	..	..	0.37	41.67
Ffestiniog	2	..	1	..	1	0.28	24.39
Towyn	5	..	4	..	4	1.32	100.00
Rural Districts :							
Dendraeth .. ..	..	..	..	..	..	..	..
Dolgelley	1	..	..	..	..	0.11	8.13
Edeyrnion	2	..	1	..	1	0.48	27.40
Penllyn	1	..	1	..	1	0.36	28.57
Pennal C.P. .. ..	..	..	..	..	..	..	..

TABLE XVI.

HEALTH VISITING, 1950

Showing the number of Health Visits paid by part-time Health Visitors.

<i>Districts</i>	<i>Visits to children 0-1 years of age</i>		<i>to children 1-5 years of age</i>	<i>Total Health Visits to 0-5 years</i>
	<i>Primary Visits</i>	<i>Total Visits</i>		
Aberdovey	16	85	191	276
Bala	51	329	662	991
Barmouth	37	184	219	403
Corris	13	58	132	190
Corwen	64	280	400	680
Dinas Mawddwy ..	10	78	136	214
Dolgelley	69	390	458	848
Dyffryn	19	96	159	255
Celynin	6	97	141	238
Festiniog	80	451	979	1430
Harlech	30	171	270	441
Llanegryn	25	178	143	321
Penrhyndeudraeth	32	217	187	404
Towyn	35	213	257	470
Trawsfynydd ..	19	161	251	412
<i>Total</i>	506	2988	4585	7573

Number of deaths of Infants at the different age periods

[illegible]

TABLE XVIII.
INFANT MORTALITY

Showing the causes of death and number of infants who died under one year of age in the several County Districts and in the County.

Cause of Death	URBAN AREAS						RURAL AREAS						Total County
	Bala	Barmouth	Dolgelly	Festiniog	Town	Total Urban Districts	Dendraeth	Dolgelly	Edeyrnion	Penlllyn	Pennal	Total Rural Districts	
Col. 1	2	3	4	5	6	7	8	9	10	11	12	13	14
1. Bronchitis .. .. .	..	..	..	1	..	1	..	..	..	1	..	1	2
2. Pneumonia	1	..	..	..	..	1	..	..	..	..	..	..	1
3. Gastritis enteritis & Diarrhoea..	..	..	..	..	..	..	1	..	..	..	..	1	1
4. Congenital malformations ..	1	..	..	..	..	1	..	1	1	..	..	2	3
12. Other Defined, and ill-defined diseases..	1	..	..	..	1	2	4	3	2	..	..	9	11

TABLE XIX.

Giving the causes of deaths of infants under one year of age and ages at death, 1950

<i>Causes of Death</i>	<i>Number of deaths of infants at the several age periods</i>										
	<i>Under one week</i>	<i>1-2 weeks</i>	<i>2 to 3 weeks</i>	<i>3 to 4 weeks</i>	<i>Total under 4 weeks (1 month)</i>	<i>4 weeks and under 3 months</i>	<i>3 months and under 6 months</i>	<i>6 months and under 9 months</i>	<i>9 months and under 12 months</i>	<i>Total 2-12 months</i>	<i>Total under 12 months</i>
<i>Col. 1</i>	2	3	4	5	6	7	8	9	10	11	12
1. Bronchitis .. .. .	..	..	..	..	..	2	..	..	..	2	2
2. Pneumonia .. .. .	..	..	..	..	..	..	1	..	..	1	1
3. Gastritis, enteritis & diarrhoea .. .. .	..	..	..	..	..	1	..	..	..	1	1
4. Congenital malformations	2	1	..	..	3	..	..	..	..	..	3
5. Other defined & ill-defined diseases	11	..	..	..	11	..	..	..	..	..	11

TABLE XX.
VACCINATION, 1950

Name of Doctor :	Number of successful primary vaccinations of persons			Nos. of successful re-vaccinations made
	Under 1 year of age	1 year and upwards	Total	
	1	2	3	
Dr. D. E. Davies ..	1	0	1	..
Dr. J. A. Davies ..	7	1	8	4
Dr. T. Tibbot Davies ..	2	0	2	5
Dr. R. W. Edwards ..	0	4	4	1
Dr. J. R. Heath ..	1	1	2	2
Dr. R. J. G. Hogg ..	5	9	14	2
Dr. R. Jones	3	1	4	3
Dr. M. P. Jones ..	5	10	15	2
Dr. J. H. M. Lloyd ..	13	10	23	6
Dr. E. H. Morris ..	1	0	1	3
Dr. H. D. Owen ..	0	1	1	1
Dr. O. M. Prichard ..	5	8	13	1
Dr. W. Pritchard ..	0	6	6	1
Dr. H. J. Satchwell ..	18	22	40	6
Dr. D. G. Roberts ..	6	2	8	4
Dr. H. R. Wright ..	0	7	7	2
Dr. D. O. Williams ..	5	14	19	5
Dr. G. Williams ..	1	5	6	5
Dr. R. M. Williams ..	0	9	9	1

INFECTIOUS DISEASES—TABLE XXI.

The number of cases of Infectious Diseases notified from each County District will be found in the following table.

	Scarlet Fever			Diphtheria			Whooping Cough			Measles			Puerperal pyrexia	Acute Pneumonia	Erysipelas
	No. of Cases	Incidence per 1,000 of population	No. of deaths	No of Cases.	Incidence per 1,000 of population	No. of deaths	No. of Cases	Incidence per 1,000 of population	No. of deaths	No. of Cases	Incidence per 1,000 of population	No. of deaths	No. of Cases	No. of Cases	No. of Cases
Col. 1.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
County of Merioneth	40	.986	..	..	..	..	20	.493	..	110	2.713	..	..	3	2
Total Urban Districts	18	1.031	..	..	..	..	1	.057	..	51	2.922	..	..	1	..
Total Rural Districts	22	0.952	..	..	..	..	19	.822	..	59	2.554	..	..	2	2
Urban Districts															
Bala.....	5	3.282	..	..	..	..	..	..	..	..	15.731	..	..	..	..
Barmouth .....	..	..	..	..	..	..	..	..	..	..	2.218	..	..	..	..
Dolgelley .....	..	..	..	..	..	..	..	..	..	6	.565	..	..	..	..
Festiniog	9	1.272	..	..	..	..	..	..	..	4	1.052	..	..	..	..
Towyn	4	1.052	..	..	..	..	1	.263	..	4	..	..	..	1	..
Rural Districts :															
Deudraeth	14	2.001	..	..	..	..	15	2.144	..	1	.142	..	..	..	..
Dolgelley	5	0.569	..	..	..	..	3	.341	..	53	6.033	..	..	..	..
Edeyrnion	3	0.722	1	.240	..	1	.240	2	2
Penllyn	4	1.420
Pennal C.P.

MASS RADIOGRAPHY, 1950

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AREAS :	Total Examined		Total found Abnormal		Classification of Abnormal Cases		Abnormal cases needing further observation for T.B.		Other abnormalities of Chest	
	Adults				Definite T.B.					
	M	F	M	F	M	F	M	F	M	F
Blaenau Ffestiniog ..	77	59	14	2	1	0	..	..	13	2
Towyn Urban ..	85	64	2	3	..	..	..	2	2	1
Dolgellay Urban and Rural and Barmouth	63	46	..	6	..	..	..	1	..	5
Bala	43	67	1	5	..	..	..	..	1	5
	268	236	17	16	1	..	..	3	16	13
<i>Children :</i>										
Blaenau Ffestiniog ..	108	84	2	3	..	..	..	2	2	1
Towyn Urban ..	99	73	..	4	..	..	..	1	..	3
Dolgellay Urban and Rural	74	120	3	2	..	..	1	..	2	2
Barmouth Urban ..	81	67	1	1	..	..	..	..	1	1
Deudraeth Rural ..	11	6	..	..	..	..	..	..	..	..
	373	350	6	10	..	..	1	3	5	7

B.C.G. VACCINATION

During the year a survey of children in Senior Schools was carried out by the Chest Physician. 741 children were Mantoux tested of which 440 were Negative and 298 Positive, three being absent from school on day of reading the test.

Of the 440 Negatives, 399 were vaccinated resulting in 270 becoming positive and 43 remaining negative, the remaining 86 being absent for re-testing. Thus 86% became positive on vaccination.

TABLE XXII.

Showing the numbers of deaths from Tuberculosis in the several County Districts, with the "phthisis" death rate and the total tuberculosis rate per 1,000 of population.

	1950 <i>Deaths from Tuberculosis</i>		<i>Death rates per 1,000 of population</i>	
	<i>Pul- monary Tuber- culosis</i>	<i>Non- Pul- monary Tuber- culosis</i>	<i>Phthisis Death rate</i>	<i>Total Tuber- culosis Death rate</i>
<i>Col. 1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>
County of Merioneth	21	2	0.52	0.57
Total Urban Dists...	6	..	0.86	0.86
Total Rural Dists...	15	2	0.26	0.35
Urban Districts :				
Bala .. .. .	..	..	..	..
Barmouth .. ..	..	..	..	..
Dolgelley	2	..	0.74	0.74
Festiniog	13	..	1.84	1.84
Towyn .. .. .	..	..	..	..
Rural Districts :				
Deudraeth	2	..	0.29	0.29
Dolgelley	1	..	0.11	0.11
Edeyrnion	1	1	0.24	0.48
Penllyn	2	1	0.70	1.07
Pennal C.P. .. .	..	..	..	..

TABLE XXIII.

Showing the total tuberculosis death rate for the decennial period 1941—1950.

Total Tuberculosis death rate per 1,000 of population											
Col. I	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	
	2	3	4	5	6	7	8	9	10	11	
County of Merioneth ..	0.93	0.75	0.77	0.99	0.84	0.92	1.12	0.74	0.85	0.57	
Total Urban Districts ..	0.95	0.89	0.99	1.15	0.94	1.23	1.37	1.21	1.09	0.86	
Total Rural Districts ..	0.92	0.63	0.60	0.88	0.77	0.68	0.93	0.36	0.65	0.35	
Urban Districts :											
Bala ..	..	1.30	..	1.41	..	0.71	0.72	1.37	1.32	..	
Barmouth ..	1.23	0.66	0.69	0.78	0.41	1.29	0.43	0.82	..	..
Dolgelly ..	1.45	0.75	0.78	1.23	0.42	0.41	0.42	0.39	..	0.74	
Festiniog ..	1.05	1.23	2.00	1.53	1.39	2.17	2.62	2.21	1.94	1.84	
Towyn ..	0.62	0.44	..	0.52	1.09	0.00	0.29	..	0.79	..	
Rural Districts											
Deudraeth ..	1.27	1.06	0.55	1.43	1.03	1.04	1.51	0.29	1.02	0.29	
Dolgelly ..	0.77	0.80	0.36	0.49	0.63	0.66	0.94	0.26	0.55	0.11	
Edeyrnion ..	0.89	0.45	0.93	0.49	0.74	..	0.49	0.24	0.48	0.48	
Penlllyn ..	0.58	0.60	0.61	0.61	0.63	0.96	0.32	1.04	0.35	1.07	
Penal C.P. ..	..	..	..	2.63	2.93	..	..	..	..	..

TABLE XXIV.

TUBERCULOSIS

New Cases and total deaths from Tuberculosis during the year 1950 in various age groups

Age Periods	NEW CASES				DEATHS			
	Respiratory		Non-respiratory		Respiratory		Non-respiratory	
	Males	Females	Males	Females	Males	Females	Males	Females
Col. 1	2	3	4	5	6	7	8	9
0-1	..	..	..	..	..	..	..	..
1-2	1	..	..	..	..	..	..	1
2-5	..	1	1	..	..	..	..	..
5-10	..	2	1	2	..	..	..	..
10-15	1	3	1	3	..	..	..	..
15-20	4	5	..	1	..	2	..	..
20-25	2	6	..	1	..	1	..	..
25-35	5	7	1	..	3	1	..	..
35-45	3	1	2	..	1	1	..	..
45-55	5	2	..	..	2	4	..	..
55-65	2	1	1	1	5	..	..	1
65-75	7	1	..	..	2	..	..	..
75-Upwards	..	..	..	..	..	..	..	2
Totals of All Ages...	30	28	7	8	13	8	..	..

TABLE XXV.

Showing new cases of Tuberculosis and the total deaths from tuberculosis in the County and the several districts.

	NEW CASES				DEATHS			
	Respiratory		Non respiratory		Respiratory		Non respiratory	
	Males	Females	Males	Females	Males	Females	Males	Females
Col. 1	2	3	4	5	6	7	8	9
County of Merioneth	30	28	7	8	13	8		2
Total Urban Districts	25	12	2	3	9	6		2
Total Rural Districts	5	16	5	5	4	2		
Urban Districts:								
Bala	1			1				
Barmouth	1	1		1				
Dolgelly	3	4	1		1	1		
Festiniog	15	6	1		2	5		
Penryn	2	1		1				
Rural Districts:								
Bondnoeth	2	8	1	1	2			
Dolgelly	3	3	2	3	1	1		
Eddeyrnion	..	2	1	1	1	1		1
Penbryn	..	2	1	..	1			1
Pennal C.P.	..	1	1	..	..	..		..

TABLE XXVI.

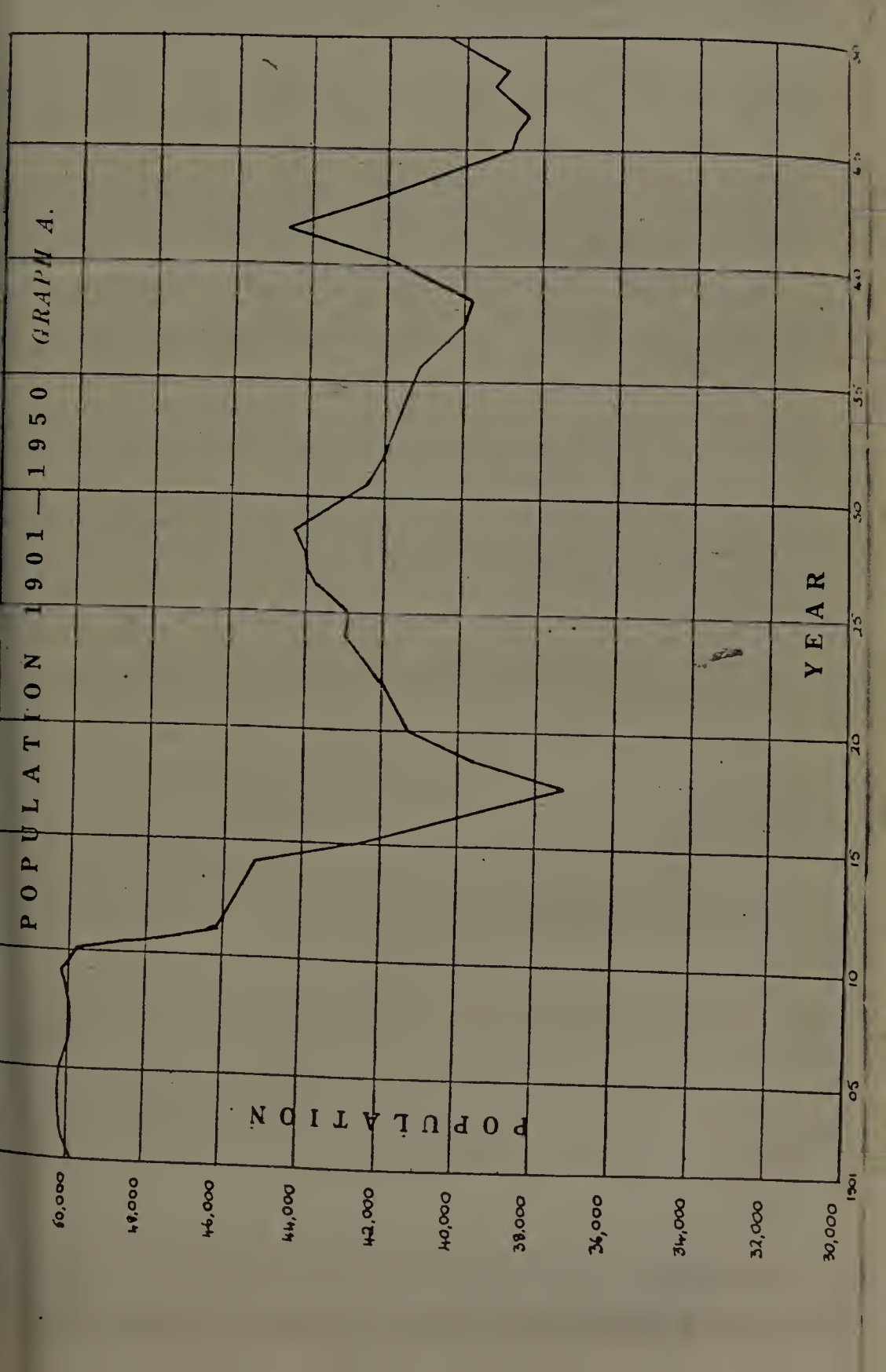
TUBERCULOSIS

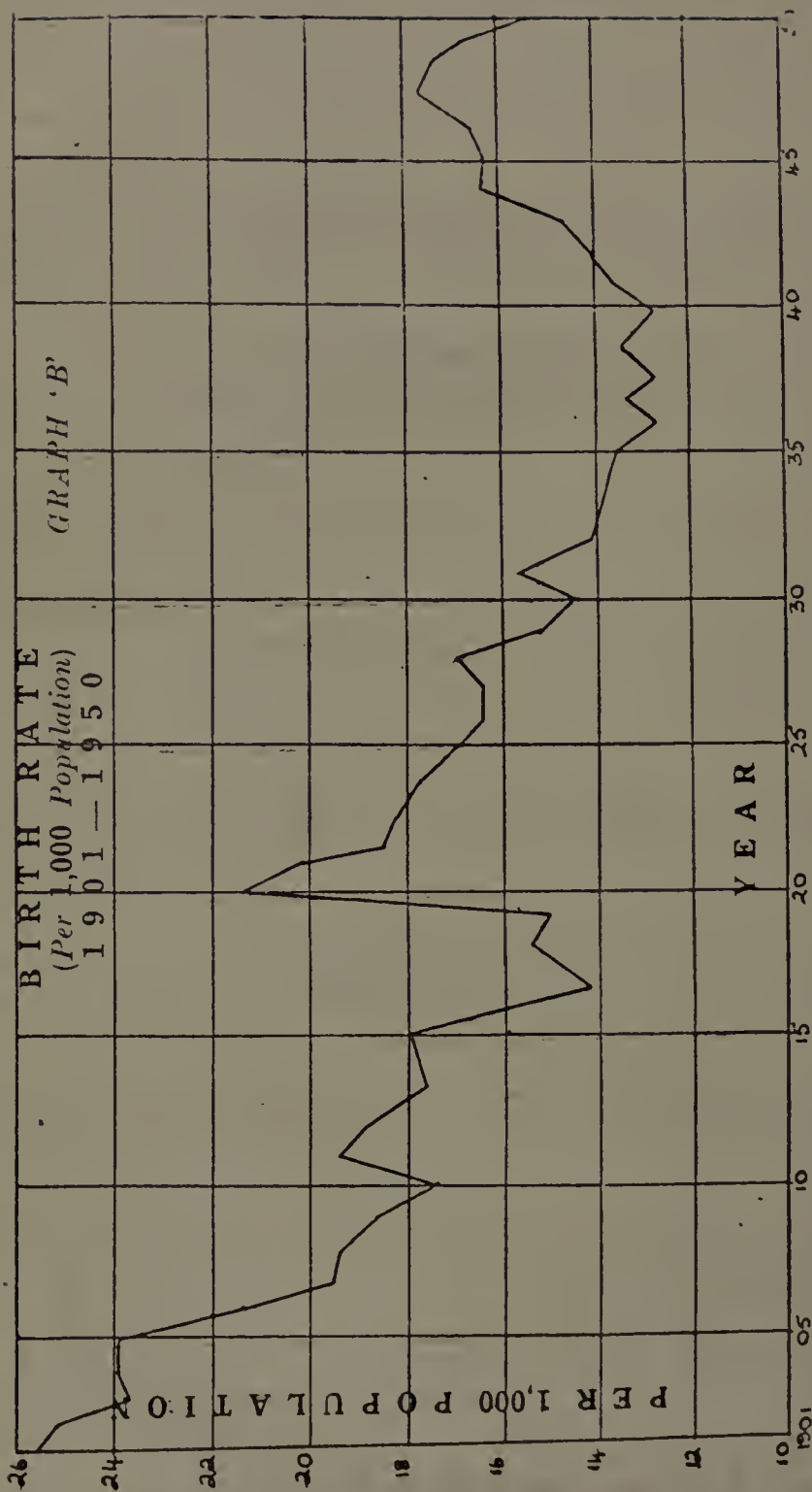
Admissions to Hospitals and Sanatoria.

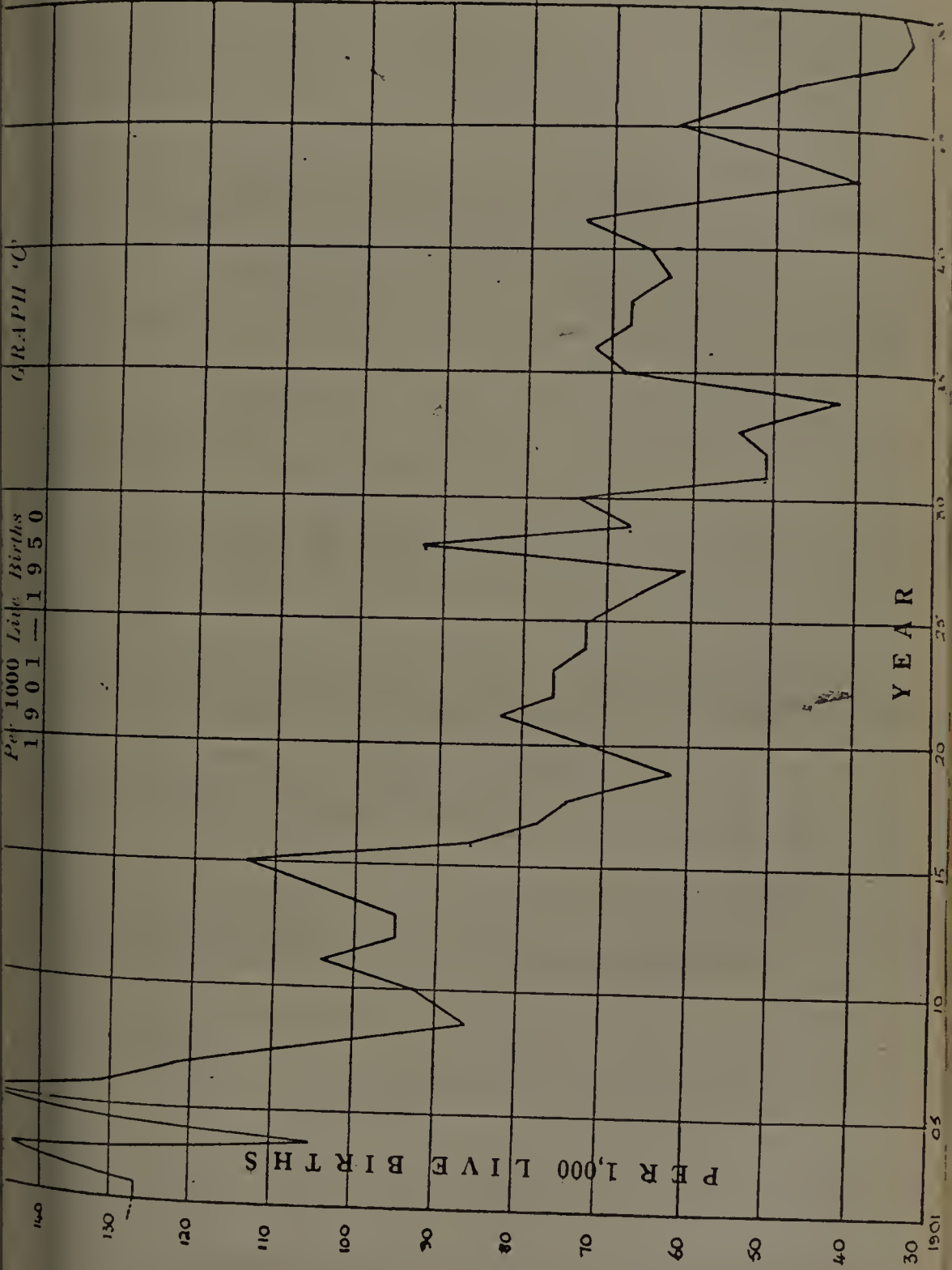
<i>Quarter ended :</i>	<i>Pulmonary</i>		<i>Non-Pulmonary</i>		<i>Total</i>	
	<i>Male</i>	<i>Female</i>	<i>Male</i>	<i>Female</i>	<i>Male</i>	<i>Female</i>
31/3/50 ..	16	10	1	0	17	10
30/6/50.. ..	5	8	2	2	7	10
30/9/50.. ..	8	10	..	..	8	10
31/12/50 ..	2	8	1	1	3	9
	31	36	4	3	35	39

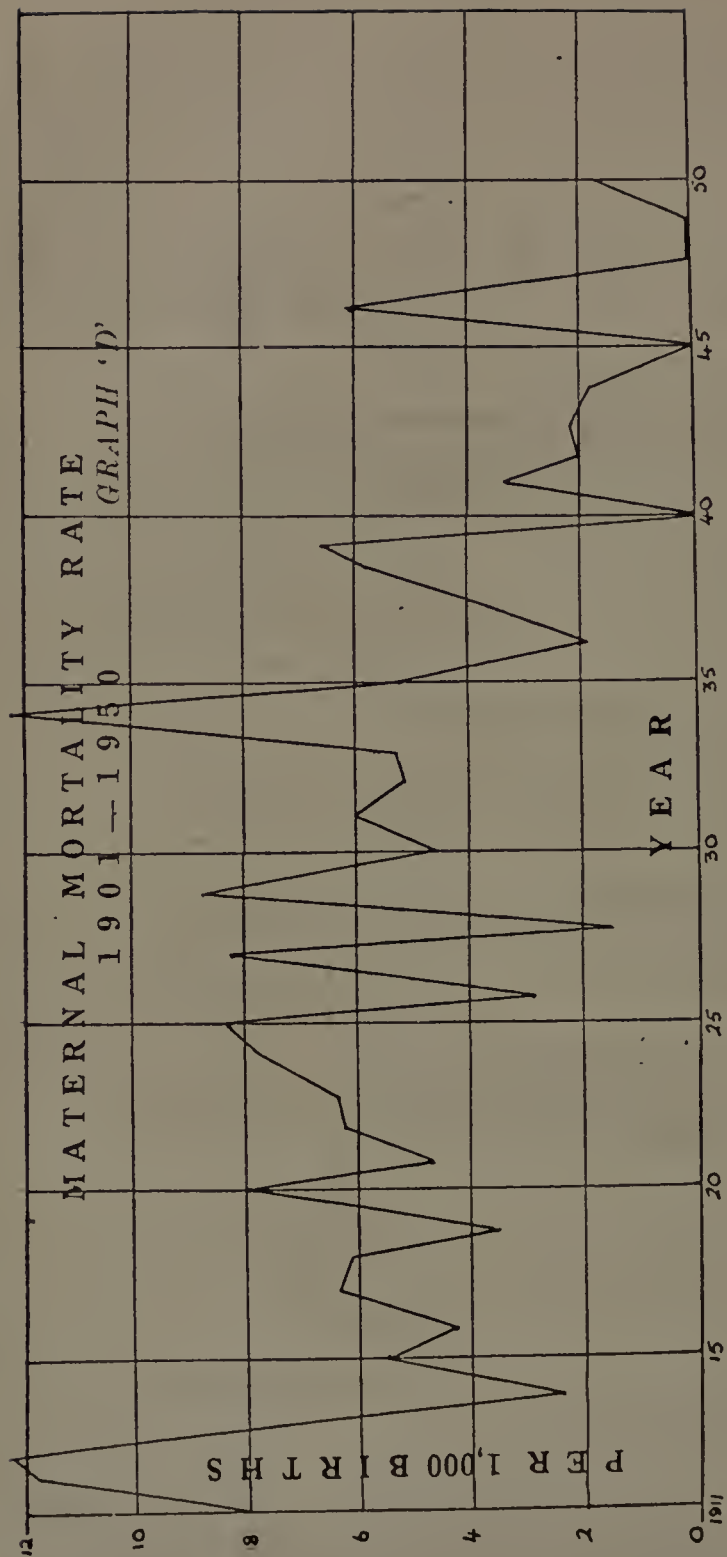
TABLE XXVII.
FOOD AND DRUGS ADULTERATION ACTS

Article :	Samples			Adulterated :			Nature of adulteration or irregularity	Observations Particulars of Non-genuine Samples
	Formal	In-formal	Total	Formal	In-formal	Total		
Milk	83	..	83	7	..	7	(a) Below for solids, not fat. No added water F.P. Normal. (b) 6% added water. (c) 6% added water. (d) 3% deficient in fat (e) 8% deficient in fat (f) 8% deficient in fat (g) Below for solids not fat.	
Appel to Cow Sausages	2 ..	.. 7	2 7	.. ..	.. 2	.. 2	(a) Sulphur dioxide 90 parts per million (b) Sulphur dioxide 143 parts per million	2.9 : 9.0. F.P. Normal. 3.0 8.4 0.536 deg. C. Should not contain Sulphur dioxide without notice. do.
Beer .. .. .	..	3	3	..	..	..
Salad Cream .. .. .	..	5	5	..	1	1	Oil 15.7%	Should contain at least 25% of oil.
Malt Vinegar .. .. .	..	1	1	..	..	..
Anti-acids .. .. .	..	1	1	..	..	..
Coffee and Chicory Essence .. .. .	..	1	1	..	..	..
Pepper Flavoured Compound .. .. .	..	1	1	..	..	..
Cakes .. .. .	..	1	1	..	..	..







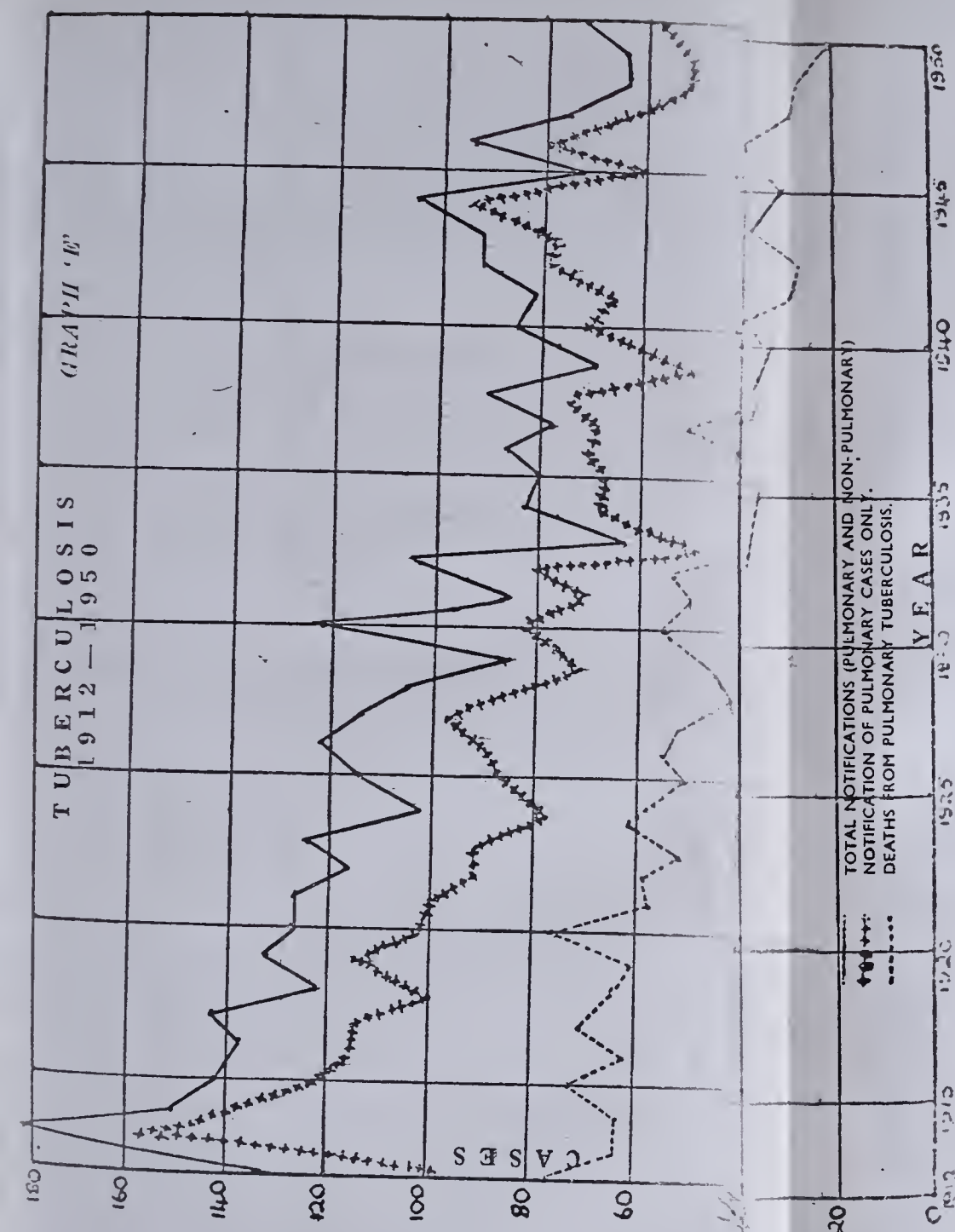


URBAN DISTRICTS

—TABLE

Showing the ages at death from the several

No. in R.G. List	CAUSES OF DEATH	All ages		Under 1 year		1 to 5 years		5 to 15 years		15 to 25 years		25 to 45 years	
		M	F	M	F	M	F	M	F	M	F	M	F
	ALL AGES	136	142	2	3	1	..	1	..	1	3	8	11
1	Tuberculosis, respiratory	9	6	..	..	..	..	..	..	..	2	2	2
2	Tuberculosis, other .. .. .	..	..	..	..	..	..	..	..	..	..	..	..
3	Syphilitic disease .. .. .	..	..	..	..	..	..	..	..	..	..	..	..
4	Diphtheria .. .. .	..	..	..	..	..	..	..	..	..	..	..	..
5	Whooping Cough .. .. .	..	..	..	..	..	..	..	..	..	..	..	..
6	Meningococcal infections .. .. .	..	..	..	..	..	..	..	..	..	..	..	..
7	Acute poliomyelitis .. .. .	..	..	..	..	..	..	..	..	..	..	..	..
8	Measles .. .. .	..	..	..	..	..	..	..	..	..	..	..	..
9	Other infective and parasitic diseases .. .. .	..	..	..	..	..	..	..	..	..	..	..	..
10	Malignant neoplasm stomach	6	9	..	..	..	..	..	..	..	..	..	1
11	Malignant neoplasm, lung, bronchus	3	1	..	..	..	..	..	..	..	..	..	..
12	Malignant neoplasm breast .. .. .	..	4	..	..	..	..	..	..	..	..	..	..
13	Malignant neoplasm uterus .. .. .	..	..	..	..	..	..	..	..	..	..	..	..
14	Other mal. and lymphatic neoplasms	13	12	..	..	..	..	..	1	..	1	..	..
15	Leukaemia, aleukaemia	2	..	..	..	..	..	..	..	..	1	..	..
16	Diabetes	2	1	..	..	..	..	..	..	..	..	..	..
17	Vascular lesions of nervous system	15	29	..	..	..	..	..	..	..	..	..	..
18	Coronary disease, angina	11	13	..	..	..	..	..	..	..	..	..	..
19	Hypertension with heart disease	3	4	..	..	..	..	..	..	1	..	..	2
20	Other heart disease	12	30	..	..	..	..	..	..	..	..	..	..
21	Other circulatory disease	4	4	..	..	..	..	..	..	..	..	..	..
22	Influenza	4	5	..	..	..	..	..	..	..	..	1	..
23	Pneumonia	2	2	..	1	..	..	..	..	..	..	..	1
24	Bronchitis	7	4	..	1	..	..	..	..	..	..	..	..
25	Other diseases of respiratory system	6	1	..	..	..	..	..	..	..	..	..	..
26	Ulcer of stomach and duodenum	1	..	..	..	..	..	..	..	..	..	..	..
27	Gastritis, enteritis and diarrhoea	1	1	..	..	..	..	..	..	..	..	1	2
28	Nephritis and nephrosis	8	5	..	..	..	..	..	..	..	..	..	..
29	Hyperplasia of prostate	6	..	..	..	..	..	..	..	..	..	..	..
30	Pregnancy, childbirth, abortion .. .. .	..	..	..	..	..	..	..	..	..	..	1	..
31	Congenital malformations	1	1	..	1	..	..	..	..	..	..	1	3
32	Other defined and ill defined diseases	14	9	2	..	..	..	1	..	..	..	..	..
33	Motor vehicle accidents	1	1	..	..	1	..	..	..	..	..	..	..
34	All other accidents	4	..	..	..	..	..	..	..	..	..	..	..
35	Suicide	1	..	..	..	..	..	..	..	..	..	..	..
36	Homicide and operations of war .. .. .	..	..	..	..	..	..	..	..	..	..	..	..



Causes of

No.in R.G. List	CAUSES OF DEATH	Bala U.D.	Barmouth U.D.	Dolgelley U.D.	Festiniog U.D.
	ALL AGES	M 13 F 10	M 11 F 20	M 20 F 16	M 68 F 75
1	Tuberculosis, respiratory .. .. .	.. ..	.. ..	1 1	8 5
2	Tuberculosis, other .. .. .	.. ..	.. ..	.. ..	.. ..
3	Syphilitic disease .. .. .	.. ..	.. ..	.. ..	.. ..
4	Diphtheria .. .. .	.. ..	.. ..	.. ..	.. ..
5	Whooping Cough .. .. .	.. ..	.. ..	.. ..	.. ..
6	Meningococcal infections .. .. .	.. ..	.. ..	.. ..	.. ..
7	Acute poliomyelitis .. .. .	.. ..	.. ..	.. ..	.. ..
8	Measles .. .. .	.. ..	.. ..	.. ..	.. ..
9	Other infective and parasitic diseases .. .. .	.. ..	.. ..	.. ..	.. ..
10	Malignant neoplasm stomach .. .. .	.. ..	1 1	1 2	3 5
11	Malignant neoplasm, lung, bronchus .. .. .	.. ..	1 ..	.. ..	.. 1
12	Malignant neoplasm breast .. .. .	.. ..	.. 1	.. 1	.. 1
13	Malignant neoplasm uterus .. .. .	.. ..	.. ..	.. ..	.. ..
14	Other mal. and lymphatic neoplasms	2 1	2 ..	.. 3	8 7
15	Leukaemia, aleukaemia .. .. .	.. ..	1 ..	.. ..	1 ..
16	Diabetes .. .. .	.. ..	1 1	.. ..	.. ..
17	Vascular lesions of nervous system	1 1	1 1	2 3	8 19
18	Coronary disease, angina	2 ..	2 2	.. ..	5 11
19	Hypertension with heart disease .. .. .	.. ..	.. 1	.. ..	2 3
20	Other heart disease	2 5	1 7	4 2	2 10
21	Other circulatory disease	2 ..	.. 2	1 ..	.. 1
22	Influenza .. .. .	.. ..	.. 1	.. ..	4 4
23	Pneumonia .. .. .	.. 1	.. ..	.. ..	2 1
24	Bronchitis .. .. .	.. ..	.. ..	2 1	4 2
25	Other diseases of respiratory system .. .. .	.. ..	.. ..	.. ..	6 ..
26	Ulcer of stomach and duodenum .. .. .	.. ..	.. ..	1 ..	.. ..
27	Gastritis, enteritis and diarrhoea .. .. .	.. ..	.. 1	1 ..	.. ..
28	Nephritis and nephrosis	1 1	1 1	3 ..	2 2
29	Hyperplasia of prostate	1 ..	.. ..	1 ..	3 ..
30	Pregnancy, childbirth, abortion .. .. .	.. ..	.. ..	.. ..	.. ..
31	Congenital malformations .. .. .	.. 1	.. ..	.. ..	.. ..
32	Other defined and ill defined diseases	2 ..	.. 1	3 3	5 2
33	Motor vehicle accidents .. .. .	.. ..	.. ..	.. ..	1 1
34	All other accidents .. .. .	.. ..	.. ..	.. ..	4 ..
35	Suicide .. .. .	.. ..	.. ..	.. ..	.. ..
36	Homicide and operations of war .. .. .	.. ..	.. ..	.. ..	.. ..

RURAL DISTRICTS

Townyn U.D.		Total Urban Districts		Deudraeth R.D.		Dolgelley R.D.		Edeyrnion R.D.		Penllyn R.D.		Pennal C.P.		Total Rural Districts		Total County	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
24	21	136	142	49	54	52	58	28	39	27	13	2	4	158	168	294	310
..	..	9	6	2	..	..	1	1	..	1	1	..	..	4	2	13	8
..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	2	..	2
..	—	..
..	—	—	..	—
..
..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	1
..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	1	..
..
1	1	6	9	3	2	5	3	1	2	1	1	..	..	10	8	16	17
2	..	3	1	2	..	2	1	..	..	..	..	..	..	4	1	7	2
..	1	..	4	..	1	..	3	..	1	..	..	..	..	..	5	..	9
..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	2	..	2
1	1	13	12	4	8	4	4	1	2	2	1	..	1	11	16	24	28
..	..	2	..	..	—	..	..	..	..	..	..	..	..	..	..	2	..
1	..	2	1	..	..	..	..	..	..	..	..	..	..	..	..	2	1
3	5	15	29	7	13	6	10	1	6	4	4	1	..	19	33	34	62
2	..	11	13	4	6	5	2	1	..	2	..	..	..	12	8	23	21
1	..	3	4	1	..	1	..	..	1	1	..	..	..	3	1	6	5
3	6	12	30	5	12	7	14	12	8	5	3	..	..	29	38	41	68
1	1	4	4	3	1	4	5	1	1	2	1	..	..	10	8	14	12
..	..	4	5	1	..	1	1	..	..	..	..	..	..	2	1	6	6
..	..	2	2	1	..	2	..	1	..	2	..	..	1	6	1	8	3
1	1	7	4	1	2	3	4	..	1	2	..	..	..	6	7	13	11
..	1	6	1	1	..	1	..	2	..	..	1	..	..	4	1	10	2
..	..	1	..	..	1	2	..	1	2	1	..	1	1	5	4	6	4
..	..	1	1	1	..	..	..	..	2	..	..	..	..	1	2	2	3
1	1	8	5	1	..	..	2	..	..	1	..	..	..	2	2	10	7
1	..	6	..	..	..	1	..	1	..	1	..	—	..	3	..	9	..
..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	1
1	..	1	1	..	..										

